



BATTERY TYPE : SIN12-7H 12VOLT 7AH

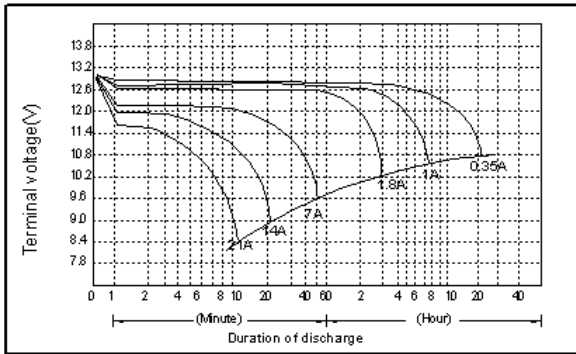
---CHARACTERISTICS---

Capacity 77°F(25°C)	20 hour rate(350mA)	7.0AH
	10 hour rate(665mA)	6.65AH
	5 hour rate(1.26A)	6.3AH
	1 hour rate(5.0A)	5.0AH
	15 min rate(10.76A)	2.69AH
Internal Resistance	Full charged Battery 77°F(25°C)	24mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	35A	
Terminal	Standard	F2
	Optional	F1
Charging (Constant Voltage)	Cyde	14.5~14.9V/77°F(25°C)(<1.75A)
	Float	13.6V~13.8V/77°F(25°C)

Constant Wattage Discharge (Watts/battery (25°C))

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	193.3	154.9	81.7	52.3	21.3	14.1	9.5	7.6	4.1
1.80V	254.3	180.2	91.7	24.2	21.7	14.3	9.5	7.8	4.1
1.75V	251.4	181.3	93.9	57.2	23.3	14.7	9.9	7.9	4.2
1.70V	268.9	189.2	96.5	59.0	23.3	15.1	10.0	7.9	4.3
1.60V	273.4	203.9	99.9	59.5	23.4	15.2	10.0	8.0	4.3

Discharge Characteristics (77°F/25°C)



Duration of Discharge vs. Discharge Current

